



CROWELL & MORING, LLP
Intellectual Property Group
P.O. Box 14300
Washington, D.C. 20044-4300
(202) 624-2500

February 19, 2004

Customer No.

23911

Mail Stop: Patent Application

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: New U.S. Patent Appln.
Our Ref: 100929.53270US

Sir:

Transmitted herewith for filing is the patent application of:

**Hideyuki KAZUMI, Tsuyoshi YOSHIDA, Eiji IKEGAMI, Kouichi
NAKAUNE, Masamichi SAKAGUCHI, Yasuyuki MIYAMOTO and Akihiro
SANO**

Entitled: **LSI DEVICE ETCHING METHOD AND APPARATUS
THEREOF**

Enclosed are:

1. Specification, including 13 claims (37 pages).
2. 6 Sheets of Formal Drawings Showing Figures 1-9.
3. Declaration and Power of Attorney (**Executed**).
4. Application Data Sheet
5. Assignment of the invention to Hitachi High-Technologies Corporation
6. Certified copy of Priority Document 2003-203790 filed in Japan on 30 July 2003, the priority of which is being claimed under 35 U.S.C. §119 and 37 C.F.R. §1.55.
7. Information Disclosure Statement w/ 1 reference.
8. The filing fee has been calculated as shown below:

Basic Fee						\$385/770	=	\$770.00	
Total Claims	<u>13</u>	-	20	=	<u>0</u>	x	\$9/18	=	\$
Independent Claims	<u>4</u>	-	3	=	<u>1</u>	x	\$43/86	=	\$86.00
Multiple Dependent Claim Presented							\$140/280	=	\$
Total Filing Fee									<u>\$856.00</u>

031356 U.S. PTO
10/780670



Attorney Docket No.:100929.53270US
PATENT

Two checks in the amount of \$856.00 for the filing fee and \$40.00 for the assignment recording fee are enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 05-1323 (Docket #100929.53270US). A duplicate copy of this sheet is enclosed.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Lawrence E. Carter", written over a horizontal line.

James F. McKeown
Registration No. 25,406
Lawrence E. Carter
Registration No. 51,532

JFM:LEC:adb
Document#304911